



Utilizes DLP®  
BrilliantColor™ Technology

## Full-featured, High Brightness XGA Projector for Corporate and Education Installations

The Sharp XG-F315X Conference/Classroom Projector, with 3000 ANSI Lumens, XGA native resolution (with compatibility up through UXGA) and integrated RJ-45 LAN connectivity is perfect for most any education or meeting room setting. Utilizing the latest Texas Instruments® DLP® BrilliantColor™ technology, high brightness is assured, along with outstanding picture performance. Additionally, with its high image quality and HDCP compliant DVI-I input, the XG-F315X is ideal for use with both high resolution computer and video sources (including HDTV).

For use in commercial applications, the XG-F315X is backed by a 2-year parts and labor limited warranty (90 days on the user-replaceable projection lamp) including 2-years of Sharp industry-leading "ER" 24-hour turnaround Express Repair support. Additionally, the XG-F315X includes a USB port for mouse control, as well as both RJ-45 and RS-232C connectivity (for remote monitoring, diagnostics and control).

DLP® BrilliantColor™ technology expands the color palette for more realistic and lifelike color reproduction; and the Condenser Lens Optical System further ensures superior color accuracy. Sealed optics along with integrated air filter and ultra-quiet cooling fans make the XG-F315X a projector of choice for extended-use operation.

### Features:

**Texas Instruments DLP® BrilliantColor™ Technology** for superior color accuracy with more realistic and lifelike image reproduction.

**HDCP Compliant DVI-I (digital and analog) Input** for easy setup, and secure, virtually noise-free digital connection.

**High Brightness and Contrast** 3000 ANSI Lumens, with 2000:1 contrast ratio.

**XGA Native Resolution (1024 x 768)** with Intelligent ImageACE™ resizing for compatibility up through UXGA (1600 x 1200).

**RJ-45 Network Connector** for remote access by web browser, diagnosis and auto e-mail sending, and ability to link to a specific website for service and support.

**Free Downloadable Sharp Display Manager Software** for multiple projector management and monitoring for theft protection.

**Sealed Optics, Integrated Air Filter and Ultra-Quiet Cooling Fans** for reliable, extended use operation.

**On-Screen Setup Guide and "Help" Function** ensure easy setup and operation.

**DTV / HDTV Compatibility** for both 4:3 and 16:9 aspect ratios.

**Short-Throw Zoom/Focus Lens** allows for large projected image from short throw distance.

**Presentation Assist Functions (by remote control)** include page up/down, GUI (graphic user interface) pointer, spotlight and mouse control.



Back Panel

### Screen Size and Projection Distance NORMAL Mode (4:3)

Picture (Screen) Size			Projection Distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
300"	240"	180"	34' 3"	39' 8"	7-9/16"
200"	160"	120"	22' 10"	26' 5"	5- 3/64"
150"	120"	90"	17' 2"	19' 10"	3-25/32"
100"	80"	60"	11' 5"	13' 3"	2-33/64"
84"	67"	50"	9' 7"	11' 1"	2-7/64"
72"	58"	43"	8' 3"	9' 6"	1-13/16"
60"	48"	36"	6' 10"	7' 11"	1-33/64"
40"	32"	24"	4' 7"	5' 3"	1-1/64"

**Note:** There may be a maximum error of ±5.4% in the above values

### Specifications

<b>Model Number</b>	<b>XG-F315X</b>
<b>Native Resolution / Resizing</b>	XGA (1024 x 768) native resolution up through UXGA (1600 x 1200) with Intelligent ImagACE resizing
<b>TV Lines</b>	600 TV lines (DTV 720P input)
<b>Device Type</b>	Single 0.55" DLP® chip
<b>Cabinet Color</b>	Dark Metallic
<b>H &amp; V Frequency / Dot Clock</b>	fH 15-110 kHz / fV 45-85 Hz / 12-170 MHz
<b>Compatibility</b>	PC, Mac®, Workstation
<b>Video System</b>	NTSC 3.58, 4.43 / PAL, 60, M, N/SECAM
<b>DTV / HDTV</b>	Compatibility including 480i, 480P, 540P, 576i, 576P, 720P, 1035i, 1080i, 1080P
<b>Brightness</b>	3000 ANSI lumens (2400 A.L. in low power eco + quiet mode)
<b>Contrast Ratio</b>	2000:1
<b>Lens Type</b>	1:1.15x manual zoom and focus, F2.4-2.6, throw ratio = 1.75-2.0, f = 18.7-21.5mm
<b>Optical System</b>	Condenser lens optical system (provides higher image uniformity and contrast, without ghosting)
<b>Aspect Ratio</b>	Native 4:3 (with image shift for 16:9 software)
<b>Screen Size (Min / Max)</b>	40" (diagonal) up to 300" (diagonal)
<b>Projection Distance</b>	11.5' x 13.3' (for 100" diagonal screen)
<b>IR Wireless Remote Control</b>	Yes – with on-screen break timer, GUI pointer, spotlight, forward/back presentation control and mouse control. [38 kHz carrier frequency]
<b>Built-in Audio System</b>	2.0 Watts monaural
<b>Lamp Module</b>	AN-F310LP / AN-F310LP/1 (275W DC, user replaceable)
<b>Estimated Lamp Life (standard/eco)*1</b>	2000 hours / 3000 hours
<b>Fan Noise (standard/eco)</b>	35dB / 30dB
<b>Power Source</b>	100 - 240V, 3.7A
<b>Power Consumption (at 100V AC)</b>	363W in bright lamp setting and high fan mode; 294W in eco + quiet lamp setting and normal fan mode; 10.5W in standby mode
<b>Heat Dissipation (110V) (lamp setting bright / eco/quiet)</b>	1365 BTU/hour / 1110 BTU/hour
<b>Safety Approval</b>	UL, FCC Class A
<b>Operating / Storage Temperatures</b>	41° F to 95° F (+5° C to +35° C) / -4° F to 140° F (-20° to +60° C)
<b>Inputs / Outputs</b>	1 - RGB/component input (15-pin HD); 1-DVI-I RGB/HDCP; 1 - composite video input (RCA pin type); 1 - S-Video input (4-pin DIN); 1 - PC/Component stereo audio input (3.5mm mini jack); 1 - Video audio input (1-pair RCA pin-type); 1 - RGB loop-through output (15-pin HD); 1 - Stereo VAO line variable audio output (3.5mm mini jack); 1 - RS-232C (9-pin mini DIN); USB for mouse control; RJ-45 LAN connector
<b>LAN Connectivity</b>	Built-in RJ-45 LAN Connector
<b>Control Systems</b>	Compatible with Crestron®, AMX®, Extron®, Bitlogix®
<b>Included Accessories</b>	Wireless remote control; two AA batteries; 6' AC power cord; 10' RGB signal cable; attached lens cap; integrated air filter; projector operation manual; RS-232C control adapter; storage bag
<b>Optional Accessories</b>	AN-XRCM30 ceiling mount bracket; AN-EP101B extension tube for ceiling mount; AN-JT200 angle mount joint for ceiling mount; AN-CMCSS16 16" security cable system; AN-CMCSS46 security cable system; AN-C3CP2 3-RCA to 15-pin D-sub cable (10'); AN-A1RS RS-232C adapter; AN-MR2 remote IR receiver (for forward/back presentation control); AN-C3BN 5-BNC to 15-pin D-sub cable (10'); AN-C500SB light-duty storage bag; AN-C600WCC hard-shell wheeled storage bag; AN-C600SC "ATA" storage case
<b>Limited Warranty**2</b>	2 years parts/labor including 2 years of Sharp ER 24-hour turnaround Express Repair. 90-day lamp warranty.
<b>Dimensions (w x d x h) (in inches)</b>	12-13/32 x 4-19/64 x 11-1/32 (main body only); 12-13/32 x 4-47/64 x 11-37/64 (with adjustment foot & projecting parts)
<b>Weight (in pounds)</b>	9.1
<b>UPC</b>	074000365315

\*1 Up to 3000 hours lamp life in low power ("eco + quiet") mode; up to 2000 hours lamp life in standard mode.

\*2 See warranty statement included in the product operation manual PDF download at [www.sharppusa.com](http://www.sharppusa.com).

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